

JOYCE, CRIDLAND HYDRAULIC JACKS.



PLAIN JACK.



FIG. 1870.

BASE JACK.



FIG. 1871.

GROUND LIFTING
JACK.



FIG. 1872.

Capacity, Tons.	Raise, Inches.	PLAIN JACKS.		BASE JACKS.		GROUND LIFTING JACKS.	
		Height, Inches.	Price, Each.	Height, Inches.	Price, Each.	Height, Inches.	Price, Each.
4	6	17	38.00	43	.....	.....	.....
4	12	23	42.00	51	23	50.00	60
4	18	29	46.00	59	29	55.00	68
4	24	35	50.00	67	35	61.00	74
7	6	18	39.00	47	.....	.....	.....
7	9	21	43.00	51	21	51.00	69
7	12	24	45.00	63	24	54.00	75
7	18	30	51.00	75	30	61.00	87
7	24	36	57.00	87	36	68.00	99
10	6	19	43.00	68	19	51.00	81
10	9	22	47.00	76	22	56.00	89
10	12	25	50.00	84	25	61.00	97
10	18	31	58.00	98	31	69.00	112
10	24	37	65.00	114	37	78.00	128
15	12	25	63.00	99	25	76.00	116
15	18	32	75.00	120	32	90.00	137
15	24	38	87.00	140	38	104.00	157
20	12	26	79.00	121	25	94.00	135
20	18	33	94.00	147	32	112.00	161
20	24	39	109.00	171	38	130.00	185
30	9	24	102.00	159	24	114.00	189
30	12	27	106.00	176	27	126.00	206
30	18	33	127.00	215	33	152.00	245
30	24	39	148.00	253	39	178.00	283
40	9	24	111.00	161	24	132.00	191
40	12	27	124.00	180	27	147.00	210
40	18	33	148.00	229	33	178.00	252
40	24	39	177.00	264	39	208.00	294



658

JOYCE, CRIDLAND HYDRAULIC JACKS.

Outside Pump.



FIG. 1873.

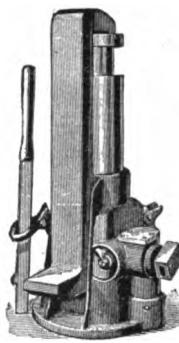


FIG. 1874.

Capacity, Tons.	Raise, Inches.	Height, Inches.	Price, Single Pump, Each.	Price, Double Pump, Each.	Price, Ground Lift Extra, Each.	Weight, Pounds.
10	6	11	51.00	.....	.....	75
10	9	15 $\frac{1}{8}$	56.00	.....	.....	86
10	12	18 $\frac{1}{8}$	61.00	.....	.....	95
10	18	24 $\frac{1}{8}$	69.00	.....	.....	113
10	24	30 $\frac{1}{8}$	78.00	.....	.....	131
15	6	11 $\frac{1}{2}$	61.00	.....	.....	94
15	9	15 $\frac{1}{8}$	69.00	.....	.....	106
15	12	18 $\frac{1}{8}$	76.00	.....	.....	118
15	18	24 $\frac{1}{8}$	90.00	.....	.....	142
15	24	30 $\frac{1}{8}$	104.00	.....	.....	166
20	6	12 $\frac{1}{8}$	77.00	.....	.....	104
20	9	15 $\frac{1}{8}$	87.00	.....	.....	118
20	12	18 $\frac{1}{8}$	94.00	.....	.....	132
20	18	24 $\frac{1}{8}$	112.00	.....	.....	160
20	24	30 $\frac{1}{8}$	130.00	.....	.....	188
30	6	13 $\frac{1}{8}$	102.00	132.00	.....	184
30	9	16 $\frac{1}{8}$	114.00	144.00	22.00	204
30	12	19 $\frac{1}{4}$	126.00	156.00	26.00	224
30	18	25 $\frac{1}{8}$	152.00	182.00	32.00	264
30	24	31 $\frac{1}{8}$	178.00	208.00	.....	304
40	6	14 $\frac{1}{4}$	117.00	147.00	.....	200
40	9	17 $\frac{1}{8}$	132.00	162.00	26.00	222
40	12	20 $\frac{1}{8}$	147.00	177.00	26.00	244
40	18	26 $\frac{1}{8}$	178.00	208.00	32.00	288
40	24	32 $\frac{1}{8}$	208.00	238.00	.....	332
60	9	17 $\frac{1}{4}$	161.00	191.00	26.00	272
60	12	20 $\frac{1}{4}$	175.00	205.00	32.00	298
60	18	26 $\frac{1}{4}$	200.00	230.00	34.00	350
80	9	18 $\frac{1}{2}$	193.00	223.00	.....	357
80	12	21 $\frac{1}{2}$	208.00	238.00	.....	394
80	18	27 $\frac{1}{2}$	236.00	266.00	.....	469
100	9	19 $\frac{1}{2}$	212.00	252.00	.....	450
100	12	22 $\frac{1}{2}$	236.00	276.00	.....	495
100	18	28 $\frac{1}{2}$	272.00	312.00	.....	585
150	9	20	344.00	388.00	.....	500
150	12	23	370.00	410.00	.....	550



JACKS.

RAPID MOVING
RATCHET JACK.

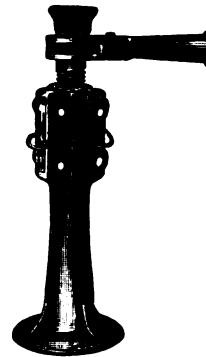


FIG. 1844.

Rapid Moving Ratchet Jacks.

Number.	Height When Down, Inches.	Rise of Screw, Inches.	Price, With Six Way Head, Inches.	Price, With Forked Lever Ratchet, Each.	Price, With Spring Ratchet, Each.	Price, Ground Lift Bar Extra, Each.	Capacity, Tons.	Diameter of Screw, Inches.	Weight, Pounds.
24	22	11	28.00	30.00	35.00	.....	25	2	48
25	27	15	42.00	.....	50.00	10.00	30	2 ¹ / ₂	164
26	29	14	78.00	.....	.....	12.00	25	2 ¹ / ₂	137
27	36 ¹ / ₂	24	57.00	.....	65.00	.....	25	2 ¹ / ₂	30

LEVER JACKS.



FIG. 1845.

No. 3.



FIG. 1846.

Nos. 1A, 2A,

4, 4A.

FIG. 1847.

COMPOUND.

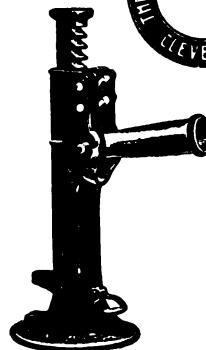


FIG. 1848.

Nos. 6, 7.

COMPOUND WITH TRIP.

WITH TRIP.



FIG. 1849.

Nos. 4B, 4C, 11.

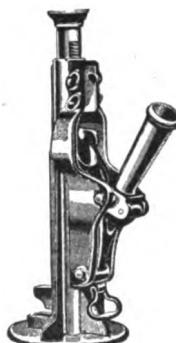


FIG. 1850.

No. 8.



FIG. 1851.

No. 9.

Number.	Height With Bar Down, Inches.	Rise of Bar, Inches.	Price, Each.	Lifting Capacity, Tons.	Size of Bar, Inches.	Weight, Pounds.
1 A	16	8½	10.00	2	1½ x 1½	25
2 A	18½	10	10.00	2	1½ x 1½	27
3	11½	4	10.00	4	1½ x 1½	29
4	22½	14	16.00	4	1½ x 1½	46
4 A	18½	10½	16.00	4	1½ x 1½	38
4 B	22½	12	16.00	4	1½ x 1½	45
4 C	19	9	16.00	4	1½ x 1½	39
6	26½	14	26.00	15	2 x 2	94
7	35	25½	30.00	15	2 x 2	113½
8	29	14	30.00	12	2 Round	100
9	29	14	30.00	12	2 Round	100
10	27	16	23.00	10	1½ x 1½	76
10 A	22½	11½	23.00	10	1½ x 1½	68
11	27	16	23.00	10	1½ x 1½	81



GEARED JACKS.

THE W. M. PATTISON SURGICAL CO.
CLEVELAND, OHIO

653



FIG. 1855.
No. 180.



FIG. 1856.
Nos. 183, 184.



FIG. 1857.
Nos. 194, 195.

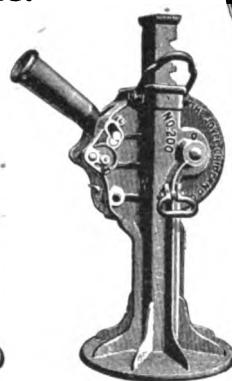


FIG. 1858.
Nos. 200, 201, 202.

Number.	Height With Bar Down, Inches.	Rise of Bar, Inches.	Price Each.	Lifting Capacity, Tons.	Rise of Bar per Stroke of Lever, Inches.	Size of Bar, Inches.	Weight, Pounds.
180	12	.5	35.00	15	—	2 $\frac{1}{4}$ x 2	90
183	25	15	40.00	15	—	2 $\frac{1}{4}$ x 2	120
184	25	15	40.00	15	—	2 $\frac{1}{4}$ x 2	120
194	27	18	50.00	20	—	2 $\frac{1}{4}$ x 2 $\frac{1}{2}$	150
195	33	22 $\frac{1}{2}$	55.00	20	—	2 $\frac{1}{4}$ x 2 $\frac{1}{4}$	183
199	22	12	75.00	30	—	3 x 2 $\frac{1}{2}$	210
200	27	17	75.00	30	—	3 x 2 $\frac{1}{2}$	237
201	36	26	85.00	30	—	3 x 2 $\frac{1}{2}$	270
202	31	19 $\frac{1}{2}$	85.00	30	—	3 x 2 $\frac{1}{2}$	250